

FOS CDR RID Report

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Review FOS

Originator Ref

Priority 2

Section

Page

Figure Table

Category Name Interfaces

Actionee ECS

Sub Category

Subject Reliance on NSI for connectivity to ISTs

Description of Problem or Suggestion:

NSI performance is essential to FOS interfacing with the ISTs. How is NSI performance (.e.g., throughput, reliability) guaranteed?

Originator's Recommendation

Obtain commitment from NSI on performance. Establish operational I/F between NSI and FOS to monitor performance, troubleshoot, etc.

GSFC Response by:

GSFC Response Date

HAIS Response by: Andy Miller

HAIS Schedule

HAIS R. E. Scott Carter

HAIS Response Date 11/10/95

ECS is working with ESDIS, NSI, and the AM-1 Instrument Teams to specify the required performance for EOC-IST communications. The current status of these requirements was briefed at the FOS CDR in the "FOS Network Architecture" presentation.

Once these requirements are finalized, they will be formally controlled in two documents. The ECS-NSI ICD will specify management-related requirements (such as how FOS is notified of NSI faults, the procedure and format for such notifications, format and frequency of NSI performance statistics, etc.). The performance requirements for EOC-IST communication will be specified in the ESDIS-NSI IRD/ICD (which will contain such things as average throughput, latency, etc.).

Note: ESDIS has stated that NSI will only be used if it can meet the EOC/IST requirements. Otherwise, ESDIS will turn to EBnet to meet the requirements.

Status Closed

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Sponsor Johns

***** Attachment if any *****